PRECISE ERROR REPORTING

Abstract

5   A method is provided for the precise reporting of errors in a flow of successive messages. The method includes detecting a transmission error in a message and then deferring the reporting of the transmission error. The method defers the reporting of the transmission error by saving a sequence number for the message and by setting a deferred error flag in a state saved

10   for the flow. The method processes the deferred transmission error when it receives an acknowledgement that completes an immediately preceding message in the flow. When a positive acknowledgement is received, the deferred transmission error is reported. When a negative acknowledgement is received, the deferred transmission error is ignored and a remote error is

15   reported.

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